

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A dryer for drying [particulate material]pellets containing brown coal, comprising at least one substantially vertical elongate container having:
an open upper inlet for receiving a charge of moisture and brown coal containing [particulate material] pellets;
an open lower outlet for discharging dried [particulate material] brown coal containing pellets, whereby said [particulate material] pellets travel[s] under the influence of gravity from said inlet to said outlet in a substantially continuous manner;
two substantially vertical and opposed gas permeable walls through which a drying gas can pass to contact said [particulate material] pellets;
wherein the gas permeable walls comprise a substantially continuous corrugated plate, wherein each corrugation comprises a supporting leg and a permeable leg angled with respect to each other;
said dryer also comprising plenums on exterior surfaces of said gas permeable walls, covering ingress and egress openings within said permeable leg of said gas permeable walls, wherein the plenums are divided into zones of differing air stream properties.
2. (Cancel)
3. (Cancel)
4. (Previously Presented) The dryer according to claim 1 wherein ingress openings and egress openings are respectively provided within said permeable walls.

5. (Original) The dryer according to claim 4 wherein a plenum covering ingress openings comprises at least one inlet and a plenum covering egress openings comprises at least one outlet.
6. (Previously Presented) The dryer according to claim 5 wherein the at least one outlet comprises at least one extract duct.
7. (Previously Presented) The dryer according to claim 5 wherein drying gas is drawn into the at least one inlet by a circulator.
8. (Original) The dryer according to claim 7 wherein the circulator is an induced draft fan.
9. (Currently Amended) The dryer according to claim 1 wherein the direction of drying gas flow through the charge of [particulate material] pellets is reversed from one plenum zone to an adjacent plenum zone.
10. (Previously Presented) The dryer according to claim 5 wherein a desiccator or refrigerator is provided in conjunction with the at least one outlet to recover water from drying gas exiting the dryer.
11. (Previously Presented) The dryer according to claim 1 having a height to width ratio of at least 3:1.
12. (Previously Presented) The dryer according to claim 1 having a height to width ratio of at least 5:1.

Application No. 10/573,057
Amdt. dated 28 May 2010
Reply to Office Action of 30 December 2009

13. (Previously Presented) The dryer according to claim 1 having a height to width ratio of at least 10:1.
14. (Previously Presented) The dryer according to claim 1 comprising lateral supporting members joining opposing gas permeable walls.
15. (Original) The dryer according to claim 14 wherein the supporting members are internal membrane walls that divide the dryer into a plurality of adjacent cells.
16. (Original) A cell of a dryer according to claim 15.

Application No. 10/573,057
Amdt. dated 28 May 2010
Reply to Office Action of 30 December 2009

17. (Currently Amended) A drying plant comprising:
- (a) a conditioning bed for subjecting moisture and brown coal containing [particulate material] pellets to surface conditioning;
 - (b) at least one conveyer for conveying said surface conditioned [material] pellets to an inlet of a dryer according to claim 1;
 - (c) a collection surface for retrieving dried [particulate material] pellets from the dryer; and
 - (d) a [particulate material] pellet remover for removing dried [particulate material] pellets from said collection surface.
18. (Original) The drying plant according to claim 17 further comprising a compactor for production of brown coal containing compacted bodies.
19. (Original) The drying plant according to claim 18 wherein the compactor comprises a mixing/conditioning device and a pelletiser.

20. (Currently Amended) A dryer for drying pellets containing brown coal comprising at least one substantially vertical elongate container having:

an open upper inlet for receiving a charge of brown coal containing pellets;

an open lower outlet for discharging dried pellets of brown coal, whereby said pellets travel under the influence of gravity from said inlet to said outlet in a substantially continuous manner;

two opposing substantially vertical gas permeable walls through which a drying gas can pass to contact said pellets;

wherein the gas permeable walls comprise a substantially continuous corrugated plate, wherein each corrugation comprises a supporting leg and a permeable leg angled with respect to each other;

said dryer also comprising plenums on external surfaces of the gas permeable walls covering ingress and egress openings within [the] said permeable leg of said gas permeable walls, wherein the plenums are divided into zones of differing air stream properties and wherein the direction of drying gas flow through the charge of brown coal containing pellets is reversed from one plenum zone to an adjacent plenum zone; the dryer comprising lateral internal membrane walls joining opposing gas permeable walls that divide the dryer into a plurality of adjacent cells.

21. (Currently Amended) A method of drying brown coal which comprises introducing brown coal fines into [a] the compactor of the drying plant according to claim [17] 18.

22. (Cancelled)

23. (Cancelled)

24. (New) The dryer according to claim 1, wherein said plenums are located external to said substantially vertical elongate container.

Application No. 10/573,057
Amdt. dated 28 May 2010
Reply to Office Action of 30 December 2009

25. (New) The dryer according to claim 20, wherein said plenums are located external to said substantially vertical elongate container.